

Products are organized using following categories:

- Applications
- Tools
- Graphics
- Parallel
- Libraries
- Compilers



Typographic conventions:

- Software displayed with a specific background color are subject to usage restriction.

Applications

Name	Module(s)	Description
ABINIT	abinit	ABINIT is a package whose main program allows one to find the total energy, charge density and electronic structure of systems made of electrons and nuclei (website) keywords: chemistry materials-science molecular-dynamics particle-physics plasma-physics quantum
Amber	amber	The Amber Molecular Dynamics Package (website, documentation) keywords: chemistry molecular-dynamics language
ANSYS	ansys	Flow modeling simulation software (website) keywords: cfd engineering solver
CP2K	cp2k	CP2K performs atomistic and molecular simulations of solid state, liquid, molecular and biological systems (website) keywords: materials-science molecular-dynamics quantum
CPMD	cpmd	The CPMD code is a parallelized plane wave/pseudopotential implementation of Density Functional Theory, particularly designed for ab-initio molecular dynamics. (website) keywords: chemistry materials-science molecular-dynamics particle-physics quantum
ESPRESSO	espresso	Quantum ESPRESSO is an integrated suite of computer codes for electronic-structure calculations and materials modeling at the nanoscale. It is based on density-functional theory, plane waves, and pseudopotentials (both norm-conserving and ultrasoft). (website) keywords: chemistry materials-science molecular-dynamics particle-physics plasma-physics quantum
Fluka	fluka	FLUKA is a general purpose tool for calculations of particle transport and interactions with matter, covering an extended range of applications spanning from proton and electron accelerator shielding to target design, calorimetry, activation, dosimetry, detector design, Accelerator Driven Systems, cosmic rays, neutrino physics, radiotherapy etc. (website) keywords: particle-physics

Gromacs	gromacs	GROMACS (GRONingen MACHine for Chemical Simulations) is a molecular dynamics simulation package (website) keywords: chemistry materials-science molecular-dynamics molecular-mechanics particle-physics
LAMMPS	lammmps	LAMMPS is a molecular dynamics code, an acronym for Large-scale Atomic/Molecular Massively Parallel Simulator (website) keywords: chemistry materials-science molecular-dynamics molecular-mechanics particle-physics plasma-physics
MaterialsStudio	materialsstudio	Solve key materials and chemical research problems (website) keywords: engineering solver materials-science
NCO	nco	The netCDF Operators (NCO) comprise command-line programs that take netCDF or HDF files as input, then operate and output the results to screen or files (website) keywords: processing
OpenFOAM	openfoam	Open Source suite for field operations and manipulations. (website) keywords: cfd library solver
saturne	saturne	Code_Saturne is a EDF's general purpose Computational Fluid Dynamics (CFD) software (website) keywords: solver cfd
STAR-CCM	star-ccm	STAR-CCM+ is unrivalled in its ability to tackle problems involving multi-physics and complex geometries. (website) keywords: engineering solver
VASP	vasp	VASP Vienna Ab-initio Simulation Package (website) keywords: chemistry materials-science molecular-dynamics particle-physics quantum
WRF	wrf	The Weather Research and Forecasting (WRF) Model is a next-generation mesoscale numerical weather prediction system designed to serve both atmospheric research and operational forecasting needs (website) keywords: climate environmental-science

Tools

Name	Module(s)	Description
Intel Advisor	advisor	Threading design and prototyping tool for software architects (website) keywords: development profiler
ant	ant	Apache Ant is a Java library and command-line tool whose mission is to drive processes described in build files as targets and extension points dependent upon each other. The main known usage of Ant is the build of Java applications. (website) keywords: apache java
antlr	antlr	ANTLR (ANOther Tool for Language Recognition) is a powerful parser generator for reading, processing, executing, or translating structured text or binary files

Arm-Forge	arm-forge	C, C++ and F90 profiler and parallel Debugger for high performance and multithreaded Linux applications (DDT, MAP...)
Autoconf	autoconf	Autoconf is an extensible package of M4 macros that produce shell scripts to automatically configure software source code packages. (website) keywords: development
Automake	automake	Automake is a tool for automatically generating Makefile.in files compliant with the GNU Coding Standards. (website) keywords: development
Cmake	cmake	Cross-platform, open-source build system (website) keywords: development
Cube	cube	Cube, which is used as performance report explorer for Scalasca and Score-P (website, documentation) keywords: profiler visualisation
DARSHAN	darshan	Scalable HPC I/O characterization tool designed to capture an accurate picture of application I/O behavior, including properties such as patterns of access within files, with minimum overhead. (website, documentation) keywords: profiler io
GNU DDD	ddd	GNU DDD (Data Display Debugger), graphical front-end for GDB debugger (website) keywords: debugger
Doxygen	doxygen	Doxygen is the de facto standard tool for generating documentation from annotated C++ sources, but it also supports other popular programming languages such as C, Objective-C, C#, PHP, Java, Python, IDL (Corba and Microsoft flavors), Fortran, VHDL, Tcl, and to some extent D. (website) keywords: development
extrap	extrap	Extra-P is an automatic performance-modeling tool that supports the user in the identification of scalability bugs.
EZTrace	eztrace	Parallel profiling software (website) keywords: profiler
ffmpeg	ffmpeg	FFmpeg is the leading multimedia framework, able to decode, encode, transcode, mux, demux, stream, filter and play pretty much anything that humans and machines have created.
GDB	gdb	A GNU source-level debugger for C, C++, Java and other languages (website) keywords: debugger
Git	git	Git is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency (website) keywords: development
GLoST	glost	Greedly Launcher of Small Tasks (website) keywords: runtime

GPERF	gperf	GNU gperf is a perfect hash function generator. For a given list of strings, it produces a hash function and hash table, in form of C or C++ code, for looking up a value depending on the input string. (website) keywords: hash function generator
gprof	gprof	The GNU Profiler (website) keywords: profiler
GPROF2DOT	gprof2dot	This is a Python script to convert the output from many profilers into a dot graph. keywords: profiler
Guile	guile	Guile is a programming language designed to help programmers create flexible applications that can be extended by users or other programmers with plug-ins, modules, or scripts.
HPCToolkit	hpctoolkit	HPCToolkit is an integrated suite of tools for measurement and analysis of program performance on computers ranging from multicore desktop systems to the nation's largest supercomputers. (website) keywords: profiler
Hwloc	hwloc	The Portable Hardware Locality (hwloc) software package provides a portable abstraction (across OS, versions, architectures, ...) of the hierarchical topology of modern architectures, including NUMA memory nodes, sockets, shared caches, cores and simultaneous multithreading. It also gathers various system attributes such as cache and memory information. It primarily aims at helping applications with gathering information about modern computing hardware so as to exploit it accordingly and efficiently. (website) keywords: library runtime
IgProf	igprof	the Ignominous Profiler (website) keywords: profiler
Intel Inspector	inspector	Memory and thread debugger (website) keywords: development debugger
Intel Software Development Emulator	intelsde	Intel is releasing this Intel SDE so that developers can gain familiarity with our upcoming instruction set extensions. (website) keywords: development profiler
IPM	ipm	IPM is a portable profiling infrastructure for parallel codes. (website) keywords: profiler
KCachegrind	kcachegrind	cachegrind Graphical Front-End (website) keywords: profiler
libtool	libtool	GNU libtool is a generic library support script. Libtool hides the complexity of using shared libraries behind a consistent, portable interface. (website) keywords: library
malp	malp	MALP stands for Multi-Application on-Line Profiling. It is an online performance tracing tool aiming at overcoming common file-system limitations by relying on runtime coupling between running applications (website) keywords: profiler

memleax	memleax	memleax debugs memory leak of a running process by attaching it, without recompiling or restarting. (website) keywords: debugger
Memonit	memonit	Memonit is a tool developed by TGCC staff in order to monitor the memory consumption of a job during time keywords: profiling
MPlayer	mplayer	MPlayer is a movie player which runs on many systems
Opari2	opari2	OPARI2, the successor of Forschungszentrum Juelich's OPARI, is a source-to-source instrumentation tool for OpenMP and hybrid codes. It surrounds OpenMP directives and runtime library calls with calls to the POMP2 measurement interface. (website, documentation) keywords: profiler
OTF	otf	The Open Trace Format (OTF) is a new trace definition and representation for use with large-scale parallel platforms. OTF addresses three objectives (website) keywords: profiler
OTF2	otf2	The Open Trace Format 2 is a highly scalable, memory efficient event trace data format plus support library. It will become the new standard trace format for Scalasca, Vampir, and Tau and is open for other tools (documentation) keywords: profiler
PAPI	papi	Performance Application Programming Interface (website) keywords: library profiler
PDToolkit	pdtoolkit	Program Database Toolkit (PDT) is a framework for analyzing source code written in several programming languages and for making rich program knowledge accessible to developers of static and dynamic analysis tools
Perl	perl	Perl 5 is a highly capable, feature-rich programming language with over 25 years of development. (website) keywords: interpreter language
PGI Debugger	pgdb	PGI Debugger (pgdb) (website) keywords: debugger
pigz	pigz	Parallel implementation of gzip (website) keywords: io processing
Pin	pin	Pin is a dynamic binary instrumentation framework for the IA-32 and x86-64 instruction-set architectures that enables the creation of dynamic program analysis tools. (website) keywords: profiler runtime
Python	python	Python programming language (website, documentation) keywords: interpreter language
Python 3	python3	Python 3 programming language
QPROF	qprof	QProf is a visual tool for developers, which displays the execution profiling output generated by code profilers. (website) keywords: profiler

R	r	Free software environment for statistical computing and graphics (website) keywords: interpreter language mathematics visualisation
ROOT	root	The ROOT system provides a set of OO frameworks with all the functionality needed to handle and analyze large amounts of data in a very efficient way. (website) keywords: processing
Scalasca	scalasca	Software tool for measuring and analyzing performances of parallel programs (website) keywords: profiler
Score-P	scorep	the Scalable Performance Measurement Infrastructure for Parallel Codes is a software system that provides a measurement infrastructure for profiling, event trace recording, and online analysis of HPC applications (website) keywords: library profiler
Subversion	subversion	Subversion is a concurrent version control system (website) keywords: development
SWIG	swig	SWIG is an interface compiler that connects programs written in C and C++ with scripting languages such as Perl, Python, Ruby, and Tcl. (website) keywords: development library
TAU	tau	TAU (Tuning and Analysis Utilities) is a portable profiling and tracing toolkit for performance analysis of parallel programs written in Fortran, C, C++, UPC, Java, Python (website) keywords: library profiler
Tcl	tcl	Tcl (Tool Command Language) is a very powerful but easy to learn dynamic programming language, suitable for a very wide range of uses, including web and desktop applications, networking, administration, testing and many more. (with pthread support) (website) keywords: interpreter language
TexLive	texlive	TeX Live is an easy way to get up and running with the TeX document production system. (website) keywords: tex latex documents interpreter language
Tk	tk	Tk is a graphical user interface toolkit that takes developing desktop applications to a higher level than conventional approaches. (website) keywords: interpreter language
torch7	torch7	Torch is a scientific computing framework with wide support for machine learning algorithms that puts GPUs first. It is easy to use and efficient, thanks to an easy and fast scripting language, LuaJIT, and an underlying C/CUDA implementation. (website) keywords: deeplearning framework
TotalView	totalview	Dynamic source code and memory debugging for C, C++ and Fortran applications. (website) keywords: debugger

UDUnits	udunits	The UDUnits package from Unidata is a C-based package for the programatic handling of units of physical quantities. (website) keywords: library
URANIE	uranie	Uranie is a sensitivity and uncertainty analysis platform based on the ROOT framework (http (website)) keywords: engineering solver
OSSP uuid	uuid	OSSP uuid is a ISO-C (website)
Valgrind Tools	valgrind	Debugging and memory checking tools (website) keywords: profiler debugger
VampirServer	vampirserver	Profiling tool for parallel programs (website) keywords: profiler
virtualenv	virtualenv	virtualenv is a tool to create isolated Python environments.
Intel VTune Amplifier	vtune	Performance profiler for serial and parallel performance analysis (website, documentation) keywords: profiler
xcrysden	xcrysden	XCrySDen is a crystalline and molecular structure visualisation program aiming at display of isosurfaces and contours, which can be superimposed on crystalline structures and interactively rotated and manipulated. (website) keywords: chemistry graphic processing visualisation
xfig	xfig	Xfig is a diagramming tool. (website) keywords: diagramming tool
xmlto	xmlto	apply an XSL stylesheet to an XML document
zsh	zsh	Zsh is a shell designed for interactive use, although it is also a powerful scripting language. More information can be found on the Zsh Web Pages sites. (website) keywords: interpreter

Graphics

Name	Module(s)	Description
EnSight	ensight	Post-processing and Visualization for Scientific Data (website) keywords: graphic processing visualisation
Ferret	ferret	Software for vizualisation and data analysing (website) keywords: graphic visualisation processing
GaussView	gaussview	GaussView is a Graphical User Interface to Gaussian (website) keywords: graphic processing solver visualisation
GhostScript	ghostscript	An interpreter for the PostScript language and for PDF, and related software and documentation (website) keywords: graphic processing visualisation
Gnuplot	gnuplot	Gnuplot is a portable command-line driven graphing utility for Linux, OS/2, MS Windows, OSX, VMS, and many other platforms. (website) keywords: graphic processing visualisation

Grace	grace	Visualization software (website) keywords: graphic processing visualisation
GraphViz	graphviz	GraphViz toolbox (website) keywords: graphic library processing visualisation
gts	gts	GTS stands for the GNU Triangulated Surface Library. It is an Open Source Free Software Library intended to provide a set of useful functions to deal with 3D surfaces meshed with interconnected triangles. (website)
hdfview	hdfview	HDFView is a visual tool for browsing and editing HDF4 and HDF5 files. (website) keywords: hdf5 hdf4 java graphic io
IDL	idl	IDL is a solution for data analysis, data visualization, and software application development (website) keywords: graphic processing visualisation
imagemagick	imagemagick	Toolkit for manipulation of graphic images, including conversion of images between a variety of different formats (website) keywords: graphic processing visualisation
libpng	libpng	libpng is the official PNG reference library. (website) keywords: graphic library processing visualisation
libTIFF	libtiff	Provides support for the Tag Image File Format (TIFF), a widely used format for storing image data. (website) keywords: graphic library processing visualisation
NCL/NCAR Graphic	ncl_ncarg	NCAR Graphics is primarily a graphics package, with some limited data analysis through the Ngmath package. (website) keywords: graphic processing visualisation
Ncview	ncview	Ncview is a visual browser for netCDF format files (website) keywords: graphic processing visualisation
Paraview	paraview	Open source scientific visualization (website) keywords: graphic processing visualisation
ploticus	ploticus	Ploticus is a free GPL software utility that can produce various types of plots and graphs. (website) keywords: graphic processing visualisation
Qt	qt	Cross-platform application and UI development framework (website) keywords: graphic library
TECPLOT	tecplot	Visualization software tool (website) keywords: engineering visualisation
VisIt	visit	VisIt - Visualization Tool (website) keywords: graphic processing visualisation
VMD	vmd	VMD is a molecular visualization program for displaying, animating, and analyzing large biomolecular systems using 3-D graphics and built-in scripting. (website) keywords: chemistry materials-science molecular-dynamics molecular-mechanics particle-physics

VTK	vtk	The Visualization Toolkit (VTK) is an open-source, freely available software system for 3D computer graphics, image processing and visualization (website) keywords: library visualisation
wxWidgets	wxwidgets	C++ library that lets developers create applications (website) keywords: library
WXX11	wxx11	A cross-platform GUI and tools library for GTK, MS Windows, and MacOS. (website) keywords: library

Parallel

Name	Module(s)	Description
NVIDIA CUDA	cuda	CUDA (Compute Unified Device Architecture) development tools for NVIDIA GPU (website) keywords: compiler language
Intel MPI	mpi/intelmpi	Intel MPI Library (website, documentation) keywords: library runtime
Open MPI	mpi/openmpi	Open source MPI-2 implementation (website) keywords: library runtime
Wi4MPI with mpi/openmpi /2.0.2 and INTEL compilers	mpi/wi4mpi	Wrapper Interface For MPI is a software whose purpose is to translate the ABI (application binary interface) from an MPI implementation A to an another implementation B (B could be equivalent to A) with mpi/openmpi/2.0.2 and INTEL compilers

Libraries

Name	Module(s)	Description
Apache Portable Runtime	apr-util	Apache Portable Runtime libraries (website) keywords: apache library
Apache Portable Runtime	apr	Apache Portable Runtime libraries (website) keywords: apache library
ARMADILLO	armadillo	Armadillo is a high quality C++ linear algebra library, aiming towards a good balance between speed and ease of use (website) keywords: library mathematics
MKL BLAS routines	blas/mkl	Intel Math Kernel Library BLAS routines keywords: library mathematics
Blitz	blitz	Blitz++ provides dense arrays and vectors, random number generators, and small vectors (useful for representing multicomponent or vector fields). (website) keywords: library mathematics solver

Boost	boost	Boost C++ libraries (website) keywords: library mathematics
cdat	cdat	Ultrascale Visualization Climate Data Analysis Tools
cgal	cgal	CGAL is a software project that provides easy access to efficient and reliable geometric algorithms in the form of a C++ library. (website) keywords: library mathematics
CGNS	cgns	CFD General Notation System (website) keywords: solver
Cwipi	cwipi	A dynamic parallel code coupler and coupling with parallel interpolation interface (website, documentation) keywords: coupler
Eigen	eigen	Eigen is a C++ template library for linear algebra (website)
ELPA	elpa	Eigenvalue solvers for Petaflop Applications (website) keywords: library
FFTW2	fftw2	Discrete Fourier Transform (website) keywords: library mathematics
FFTW3	fftw3/gnu	Fastest Fourier Transform in the West (website) keywords: library mathematics
MKL FFTW3 routines	fftw3/mkl	Intel Math Kernel Library FFTW3 routines keywords: library mathematics
fltk	fltk	FLTK is a cross-platform C++ GUI toolkit for UNIX/Linux (website) keywords: library tool visualisation
fox	fox	A Fortran library for XML
GDAL	gdal	gdal is a translator library for raster geospatial data formats that is released under an X/MIT style (website) keywords: processing
GEOS	geos	Geometry Engine Open Source (website)
Google Logging Library (glog)	glog	Google Logging Library (glog) is a library that implements application-level logging. (website) keywords: google logging library
GNU GLPK	glpk	The GLPK (GNU Linear Programming Kit) package is intended for solving large-scale linear programming (LP), mixed integer programming (MIP), and other related problems (website) keywords: mathematics
GNU	gsl	GNU Scientific Library (GSL) is a numerical library for C and C++ programmers (website) keywords: mathematics
HDF5	hdf5	Hierarchical Data Format (website) keywords: io library
Hypre	hypre	Hypre is a library for solving large, sparse linear systems of equations on massively parallel computers (website) keywords: library solver mathematics
jasper	jasper	Common jpeg library

MKL LAPACK routines	lapack/mkl	Intel Math Kernel Library LAPACK routines keywords: library mathematics
libccc_user	libccc_user	libccc_user allows to access inside a job to information about execution time or memory consumed by the job (website) keywords: library
GD Graphics Library	libgd	GD is an open source code library for the dynamic creation of images by programmers. (website) keywords: graphics library
Libint	libint	a high-performance library for computing Gaussian integrals in quantum mechanics (website) keywords: library mathematics quantum
libmatheval	libmatheval	library for evaluating symbolic expressions (website) keywords: library mathematics symbolic expressions
Mini-XML	libmxml	Mini-XML is a small XML library that you can use to read and write XML and XML-like data files in your application without requiring large non-standard libraries
The Mesa 3D Graphics Library	libosmesa	Mesa is an open-source implementation of the OpenGL specification - a system for rendering interactive 3D graphics. (website) keywords: 3d graphics library
Libxc	libxc	a library of exchange-correlation functionals for density-functional theory (website) keywords: library mathematics
MED	med	The purpose of the MED module is to provide a standard for storing and recovering computer data associated to numerical meshes and fields, and to facilitate the exchange between codes and solvers. (website) keywords: cfd engineering mesh processing
MEMKIND	memkind	User Extensible Heap Manager built on top of jemalloc which enables control of memory characteristics and a partitioning of the heap between kinds of memory.
METIS	metis	Serial Graph Partitioning and Fill-reducing Matrix Ordering (website) keywords: engineering solver library mathematics
Intel MKL LP64 Sequential	mkl	Intel Math Kernel Library (website) keywords: library mathematics
mpfr	mpfr	The MPFR library is a C library for multiple-precision floating-point computations with correct rounding. (website) keywords: library mathematics
Mumps	mumps	MULTifrontal Massively Parallel Sparse direct Solver (website) keywords: engineering library
NetCDF-CNetCDF-C HDF5	netcdf-c	Network Common Data Form (C)
NetCDF Fortran HDF5	netcdf-fortran	Network Common Data Form fortran support lib

OpenCV	opencv	Visualization software tool (website) keywords: graphic library processing visualisation
p3dffft	p3dffft	Scalable Framework for Three-Dimensional Fourier Transforms
ParMETIS	parmetis	Parallel Graph Partitioning and Fill-reducing Matrix Ordering (website) keywords: engineering solver library mathematics
PARpack	parpack	Parallel ARPACK (PARPACK) and ARPACK. ARPACK is a collection of Fortran77 subroutines designed to solve large scale eigenvalue problems. (website) keywords: library mathematics solver
PaSTiX	pastix	Parallel Sparse Matrix Package (sparse linear solver) (website) keywords: engineering library mathematics solver
PETSc	petsc	Portable and extensible toolkit for scientific computation (website) keywords: engineering library mathematics solver
Plumed	plumed	An open source library for free energy calculations in molecular systems which works together with some of the most popular molecular dynamics engines (website) keywords: library molecular-dynamics
PNetCDF	pnetcdf	Parallel netCDF (PnetCDF) is an I/O library that supports data access to netCDF files in parallel (website) keywords: io library
PROJ	proj	Cartographic Projections library (website)
PtScotch	ptscotch	Mesh generation library in Parallel (website) keywords: engineering solver library mathematics
MKL ScaLAPACK routines LP64 Sequential targeting OpenMPI	scalapack/mkl	Intel Math Kernel Library ScaLAPACK routines keywords: library mathematics
Scotch	scotch	Mesh generation library (website) keywords: solver engineering library mathematics
Silo	silo	Silo is a library for reading and writing a wide variety of scientific data to binary, disk files. The files Silo produces and the data within them can be easily shared and exchanged between wholly independently developed applications running on disparate computing platforms. (website) keywords: library visualisation
SLEPc	slepcc	Scalable Library for Eigenvalue Problem computation (website) keywords: library mathematics
SuiteSparse	suitesparse	a suite of sparse matrix software (website) keywords: library mathematics solver
Intel TBB	tbb	Intel Threading Building Blocks Library (website) keywords: library runtime

WI4PTHREAD	wi4pthread	Library developed by TGCC to solve threads placement issues on KNL partition
wxpropgrid	wxpropgrid	wxPropertyGrid is a specialized grid for editing properties such as strings, numbers, flagsets, fonts, and colours.

Compilers

Name	Module(s)	Description
GNU C++ compiler	c++/gnu	GNU C++ compiler (g++) (website) keywords: compiler language
Intel C++ Compiler	c++/intel	Intel C++ compiler (icpc) (website) keywords: compiler language
LLVM C++ compiler	c++/llvm	LLVM C++ compiler (clang++) keywords: compiler language
PGI C++ compiler	c++/pgi	PGI C++ compiler (pgCC) (website) keywords: compiler language
GNU C compiler	c/gnu	GNU C compiler (gcc) (website) keywords: compiler language
Intel C Compiler	c/intel	Intel C compiler (icc) (website) keywords: compiler language
LLVM C compiler	c/llvm	LLVM C compiler (clang) keywords: compiler language
PGI C compiler	c/pgi	PGI C compiler (pgcc) (website) keywords: compiler language
GNU Fortran compiler	fortran/gnu	GNU Fortran compiler (gfortran) (website) keywords: compiler language
Intel Fortran compiler	fortran/intel	Intel Fortran compiler (ifort) (website) keywords: compiler language
PGI Fortran compiler	fortran/pgi	PGI Fortran compiler (pgf77/pgf90) (website) keywords: compiler language
GNU Compiler Collection	gnu	GNU C (gcc), C++ (g++) and Fortran (gfortran) compilers (website) keywords: compiler language
Intel Compiler Suite	intel	Intel C (icc), C++ (icpc) and Fortran (ifort) compilers (website) keywords: compiler language
Oracle JDK	java/oracle	Oracle Java Runtime and Development Kit (website) keywords: development interpreter language
LLVM	llvm	The LLVM Project is a collection of modular and reusable compiler (Clang, Clang++) and toolchain technologies. (website, documentation) keywords: compiler
LuaJIT	luajit	a Just-In-Time Compiler for Lua. (website) keywords: compiler

PGI Compiler Suite	pgi	PGI C (pgcc), C++ (pgCC) and Fortran (pgf90) compilers and Debugger (pgdb) (website) keywords: compiler language
Protocol buffers (protobuf)	protobuf	Protocol buffers are a language-neutral, platform-neutral extensible mechanism for serializing structured data. (website)
Yasm	yasm	Yasm is a complete rewrite of the NASM assembler under BSD License.

Typographic conventions:

- Software displayed with a **specific background color** are subject to usage restriction.

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